10
U. S. COAST GUARD
10

MAIN DECK
SECOND DECK
THIRD DECK
28'-0" DWL
LADDER (P)
TRACTION WINCH (TOWING)
CHOCK
TRACTION WINCH CONTROL CONSOLE W/FIXED STOOL ON ℄
36"x36" RWTH W/18" RWTQAES (P)
36"x36" RWTH W/18" RWTQAES (S)
STEERING GEAR ROOM 2-243-0-E
INACCESSIBLE VOID
D. O. STORAGE 4-243-0-F
TRUNK 4-251-0-T
BOSNS LKR. (P) 2-233-2-A
SEABAG & LUGGAGE STRM. (P) 2-223-2-A
HAWSER STORES 2-223-0-A
D. O. TANK P/S 3-223-6-F 3-223-5-F
COFFERDAM P/S 3-223-4-V 3-223-3-V
F. W. TANK P/S 3-223-2-W 3-223-1-W
D. O. STORAGE 5-223-0-F
FWTH ℄
DAMAGE CONTROL SHOP 1-206-2-Q
FAN ROOM 1-200-0-Q
AFT REPAIR 3 1-200-2-A
STAIRTOWER (P) 1-200-4-L
PASSAGE 1-197-0-L
DK. GEAR LKR 1-216-1-A (S)
BOAT GEAR LKR 1-211-1-A
AMMO. & TNT HOIST (P) 2-210-4-T
DIVING GEAR STOW. & SHOP 1-197-1-Q
MAGAZINE 2-213-2-M
HNDLG. RM 2-210-2-M
ELECTRICAL SPARES STRM. 2-197-4-A
SMALL ARMS AMMO (P) 2-207-4-M
UPPER CARGO HOLD 2-197-0-AA
PASSAGE 2-207-2-L
RWTH
STAIRTOWER 2-197-2-L
STAIRTOWER 3-197-2-L
LOWER CARGO HOLD 3-197-0-AA
SLOPING BHD
STAIRTOWER 4-197-2-L
JP-5 PUMP RM. 4-197-0-E
JP-5 SERV. TANKS 4-197-1-J 4-199-1-J
D. O. STORAGE 5-211-0-F
30"x36" RWTH
BEARING COMPT. 5-205-0-Q
JP-5
INACCESSIBLE VOID
STORAGE 6-197-0-J
BALLOON INFLATION AREA
HANGAR 01-143-01-Q
PASS-1-171-1-L, 1-171-2-L & 1-171-6-L
LIN. LKR.
CPO STATE ROOMS P/S 1-189-0-L 1-180-0-L 1-171-0-L
PASS. 1-169-0-L
FAN RM. 1-155-4-Q
CPO WR WC & SHR 1-155-2-L
CPO LOUNGE 1-155-1-L
ROLL STABILIZATION TANK 2-182-0-F
TECH. S.R. (P) 2-171-4-L
STAIR TOWER (P) 2-171-2-L
SCIENTIST STATERMS. 2-171-01-L 2-171-1-L 2-171-5-L
PASS. 2-171-02-L
1ST CLASS STATE ROOMS (P/S)
PASS. 2-143-01-L
1ST CLASS LOUNGE 2-152-0-L
SCI. OFF. & LIBRARY 2-163-0-Q
1ST CL. WR, W.C. & SHR 2-143-0-L
FAN ROOM 2-143-1-Q
STAIRTOWER 2-143-2-L 2-143-3-L
Q.M. SHELTER P/S
PASS 1-143-01-L
OCEANOG. INSTR. LKR. 1-146-2-A
STAIRTOW. (P/S)
CHEMISTRY & OCEANOGRAPHIC DRY LAB 1-143-0-Q
MOVIE FILM LKR. 1-146-1-A
LUB. OIL STOR. 3-182-0-F
SPACE OUTBD. OF L.O. STOW. P/S ACCESSIBLE FROM COMPT 3-171-0-E
AUX MACHY SPACE No 4 3-171-0-E
SEWAGE TREATMENT RM. NO. 2, 3-143-6-Q
ENG. OFFCRS. OFFICE 3-143-4-Q
ENGNG. CONTROL CENTER 3-155-0-E
PASS. 3-152-0-L
GYRO & I.C. RM. 3-143-0-C
STAIRTOWER 3-143-2-L 3-143-1-L
HYDRAULIC SYS. POWER RM. No 2 3-143-5-Q
HYD. SYS. POWER RM No 1 3-143-3-Q
D. O. TANKS P/S 4-171-2-F 4-171-1-F
D. O. TANKS P/S 4-143-2-F 4-143-1-F
MOTOR ROOM 5-171-0-E
MOTOR & GEAR ROOM 5-143-0-E
D. O. TANKS 6-171-4-F 6-171-3-F
D. O. TANKS 6-143-2-F 6-143-1-F
DIRTY L.O. 6-165-2-F
D.O. OVERFLOW 6-165-1-F
STRAINER COMPTS 6-171-2-Q 6-171-1-Q
SEACHESTS P/S
STRAINER COMPTS 6-139-2-Q 6-139-1-Q
SEACHESTS P/S
GAS TURBINE UPTAKE TRUNK
EMER. GEN. RM 02-119-0-E
STAIRTOWER (S) 02-119-1-L
GAS TURBINE INTAKE TRUNK
SMOKE POT LKR.
DETONATOR LKR. P/S
HELIUM BOTTLE STOW. 01-143-0-A
HELO FIRE FTG. PUMPS & EQUIP. (S) 01-143-1-E
HELICOPTER & AVIONICS SHOP & STORES 01-128-0-Q
BALLOON INFL. EQUIP. (S) 01-137-1-Q
WET SUIT WASH'G & DRY'G. RM. (P) 01-119-2-Q
PHOTO LAB & DARK RM (P) 01-119-6-Q 01-119-4-Q
STAIRTOWER 01-119-1-L
METEOROL. LAB & EQUIP STORES 01-119-3-Q
LIFE PRESERVER LKR P/S 01-113-2-A 01-113-1-A
DRYING RM. (P) 1-137-2-Q
OCEANOGRAPHIC WET LAB & WINCH RM. 1-113-6-Q
MAIL RM. 1-128-2-Q
RESCUE GEAR LKR. 1-125-2-A
UNASSIGNED 1-119-2-Q
UPPER BOILER SPACE
X-RAY/DK.RM. 1-128-1-L
SMALL ARMS STOW. & REP. SHOP 1-131-1-Q
MED. STRM. 1-124-1-A
SICK BAY 1-119-1-L
OFF. & STA. STORES 1-113-2-A
FOUL WEA. GR. LKR 1-113-1-A
WARD
WASH RM. 1-113-5-L 1-113-7-L
D. C. CENTRAL 2-132-2-Q
ELECTRIC SHOP 2-119-2-Q
CPO BAG. RM (P) 2-137-2-A
CREW BAG. RM (S) 2-137-1-A
BOILER SPACE 2-119-0-E
PASSAGE 2-113-4-L (P), 2-113-3-L (S)
ENGINEER STRM. 2-113-5-A
UNASSIGNED 2-113-6-Q 2-113-2-Q 2-113-1-Q
HEELING TANKS (P/S) 3-113-2-F 3-113-1-F
G.T. UPTAKE
AUX. MACHY. SPACE No 3 3-121-0-E
G.T. INTAKES
D.O. STORAGE TANKS P/S 4-113-4-F 4-113-3-F
D.O. SERVICE TANKS P/S 4-113-2-F 4-113-1-F
GAS TURBINE ROOM 5-113-0-E
D. O. TANKS P/S 6-113-4-F 6-113-3-F
BILGE WATER HOLDING TANK 6-133-2-W
D. O. TANKS 6-113-2-F 6-113-1-F
STRAINER COMPTS 6-109-2-Q 6-109-1-Q
SEACHESTS P/S
FAN RMS. P/S 02-92-1-Q 02-92-2-Q
PASS. 01-106-0-L
ELEV. (P) 3-107-2-T
OFFICER STATEROOMS P/S 01-94-2-L 01-94-1-L
OFF. WC & SHR. 01-92-1-L 01-92-2-L
UPTAKES
PASS. 01-68-0-L
01-68-2-L 01-68-1-L
STAIRTOWER 1-104-1-L
CREW MESS (P) 1-85-2-L
SHIPS OFFICE (P)
X.O. OFF. (P)
SUPPLY OFF. 1-95-0-Q
PASS. 1-85-0-L
FAN RM. ENG. SPACES 1-95-1-Q
DENTAL OPER. RM. 1-105-1-L
SHIP'S EXCH. STRM. 1-101-1-A
SHIP'S EXCHANGE 1-92-3-Q
1ST LT. OFFICE 1-85-1-Q
ENGINEER STRM. 2-104-2-A (P) 2-104-1-A (S)
ENLISTED MENS QUARTERS P/S
ELEV. 3-107-2-T
STAIRTOWER 2-104-0-L
WR. WC & SHRS. 2-94-1-L
PASS. 2-85-0-L
HEELING TANKS (P/S) 3-85-2-F (P) 3-85-1-F (S)
STAIRTOWER 3-105-1-L
AUX. MACHINERY SPACE No 2 3-85-0-E
SLOPING BHD.
D. O. STORAGE TANKS P/S 4-85-4-F 4-85-3-F
D.O. SERVICE TANKS P/S 4-85-2-F 4-85-1-F
DIESEL GENERATOR RM. No 2 5-85-0-E
D. O. TANKS P/S 6-85-4-F 6-85-3-F
D.O. OVERFLOW 6-103-2-F
D.O. TANKS 6-85-2-F 6-85-1-F
DIRTY L.O. 6-103-1-F
WTD
A
PILOTHOUSE TOP PARALLEL TO 03 DECK LEVEL
PYROTECHNIC LKR
COMPASS BINNACLE
GYRO REPEATER
PLTF.
04 LEVEL
03 LEVEL
02 LEVEL
01 LEVEL
CHART RM. 03-64-4-C
WC & LAV. (P) 03-64-2-L
PILOT HOUSE 03-49-0-C
DK. PARALLEL TO ℄
FR. 49
FR 48
QM STORES (S) 03-75-1-A
OPERATIONS OFF. (S) 03-64-1-C
FAN SPACE 03-49-00-Q
PASSAGE 03-64-0-L
DW (P)
OCEAN DATA CENTER 02-76-2-Q (P)
COMM. OFFICE 02-68-4-C
HAM SHACK 02-68-2-C
PASS. 02-68-0-L
RADIO XMTR. RM. (P) 02-52-2-C
SECURE RADIO RM. (P) 02-50-2-C
CRYPTO RM. 02-55-2-C
RADAR XMTR RM (S) 02-79-1-C
ET SHOP 02-68-1-Q
PASS. 02-62-0-L
CAPTS. PANTRY 02-49-0-Q
CAPTAINS DAY CABIN 02-50-1-L
STATEROOM 02-52-1-L
PASS. 01-49-0-L
ENGR. OFF'RS.
WC & SHR. 01-51-2-L
STATEROOM 01-56-2-L
WARDROOM
MESS (P) 01-49-2-L
GALLEY (P) 01-48-0-Q
LOUNGE (S) 01-49-1-L
STEWARDS MESS 01-59-0-L
X.O.
WC & SHR (S) 01-51-1-L
STATEROOM (S) 01-56-1-L
8'-0"
9'-0"
9'-6"
8'-6"
3'-3"
CREW MESS (P) 1-57-4-L
PASSAGE 1-57-1-L 1-57-2-L
SCULLERY 1-65-2-Q
GALLEY 1-57-0-Q
CPO MESS (S) 1-57-3-L
FOLD. CHAIR & PROJ. LKR. 1-54-4-A
DRYING RM. 2-79-2-Q
WR. WC & SHR. 2-69-0-L
PASS 2-57-01-L
ENLISTED S.R. P&S, ℄
STAIRTOWER 2-76-1-L
BARBER SHOP 2-69-1-Q
HEELING TANKS P/S 3-57-2-F (P) 3-57-1-F (S)
SEWAGE TREAT. RM. No 1, 3-69-2-Q
STAIRTOWER 3-77-1-L
AUX. MACHINERY SPACE No 1 3-57-0-E
D. O. TANKS P/S 4-57-2-F 4-57-1-F
DIESEL GENERATOR RM. No 1 5-57-0-E
D. O. TANKS P/S 6-57-4-F 6-57-3-F
D. O. TANKS 6-57-2-F 6-57-1-F
STRAINER COMPTS 6-81-2-Q 6-81-1-Q
SEACHESTS P/S
CREW LOUNGE (P) 1-18-2-L
FAN ROOM 1-43-0-Q
WC & LAV. 1-54-2-L
STAIRTOWER 1-48-1-L
CRANE FDN.
SODA FOUNTAIN 1-35-0-Q
LIBRARY 1-20-2-Q
PASSAGE 1-23-0-L
GYM 1-20-1-Q
ATHLETIC GEAR LKR 1-37-1-Q
LKR (S)
LAUNDRY (S) 1-18-1-Q
FWD. REPAIR 2 1-51-1-A
7'-0"x7'-0" RWTH
SPEC. CLTHG. STRM. 2-51-2-A
SMALL STORES 2-46-2-A
ISSUE RM. 2-35-2-A
WR STORES 2-30-2-A
SHIPS EXCHANGE STORES 2-21-2-A
DRY COMMISSARY STORES (P) 2-18-2-A
PASSAGE 2-23-0-L
ELEV. 3-54-1-T
REEFER SPACES (S)
2-48-1-L
STAIRTOWER 3-48-1-L
GENERAL STORES 3-19-0-A
RES. FEED WATER 4-50-0-W
COFFERDAM 4-48-0-V
D. O. STORAGE TANKS 4-21-2-F (P) 4-21-1-F (S)
D. O. STORAGE 6-23-0-F
BREAKWATER
LINE OF CANTED BHD. AT SHELL
42x42" RWTH W/18" WTQAES (P)
24"x24 RWTQA HATCH (S)
WINDLASS ROOM 1-E-0-E
42"x42" RWTH W/18" WTQAES (P)
SVL (S)
PAINT AND FLAMMABLE STORES 1-N-0-K
CANTED BHD.
VOID 1-W-2-V 1-W-1-V
INACCESSIBLE VOIDS
FORE PEAK TANK
DECK GEAR STRM. 2-E-0-A
CHAIN LKR P/S 2-14-2-Q 2-14-1-Q
3-V-0-W
INACCESSIBLE VOID
CLEAN BALLAST TANK
5-D-0-W
FIRST PLATFORM
INACCESSIBLE VOIDS
265 260 255 250 245 240 235 230 225 220 215 210 205 200 195 190 185 180 175 170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
A P
F P

INBOARD PROFILE

E. Dion
L
A. Hammond
SATISFACTORY TO OFFICE OF OPERATIONS
2-16-71
DATE

REVISION	DATE	APPD.		BY
A	4-16-71	RLK	WTD ADDED TO FOREMAST ON 04 LEVEL	an

U.S. COAST GUARD HEADQUARTERS WASHINGTON, D.C. 20591

NAVAL ENGINEERING

DESIGNED-
DRAWN - A. Nelson
TRACED -
CHECKED - A.F. MILETO

400' POLAR ICEBREAKER
CLASS
INBOARD PROFILE

R. L. Keller
CHIEF, TECHNICAL SECTION

B. D. Bracket
CHIEF, DESIGN BRANCH

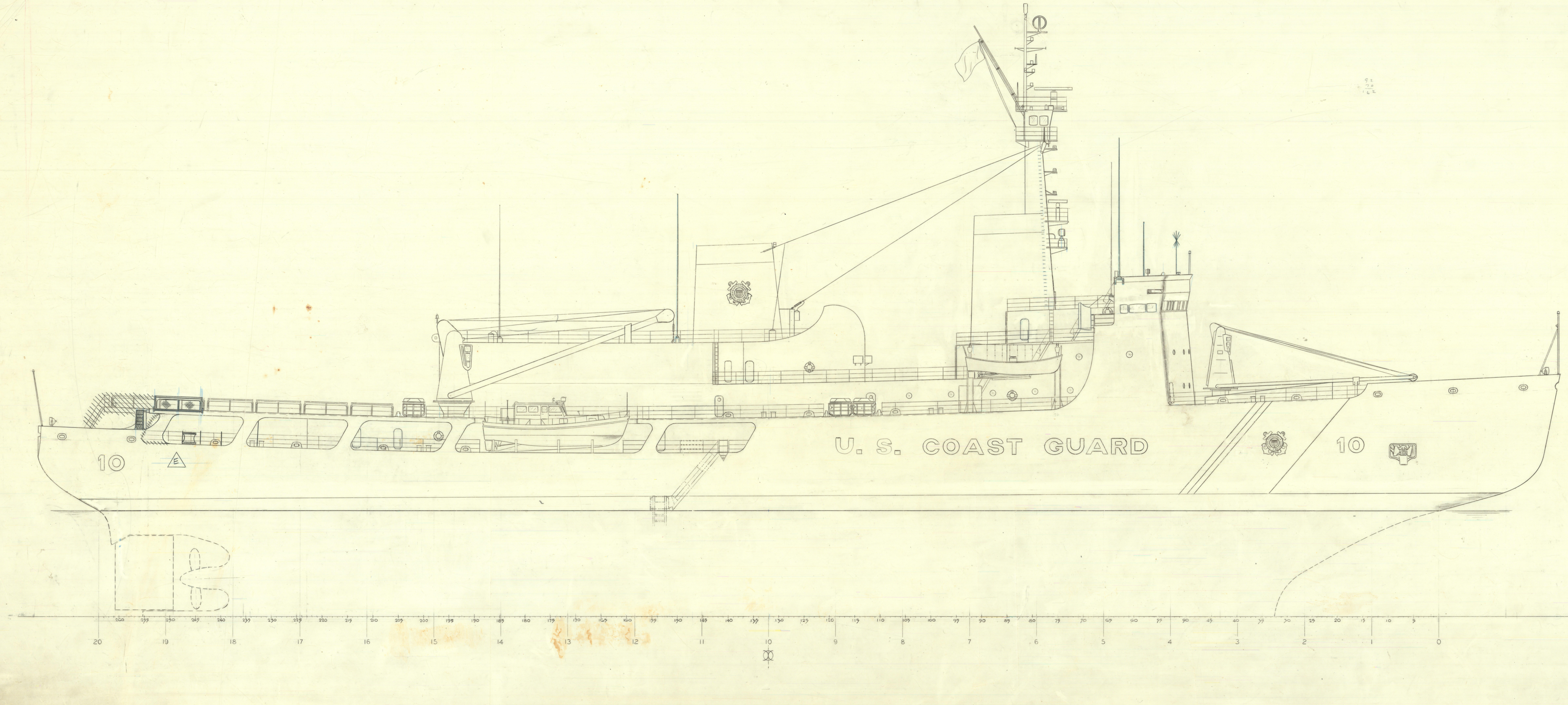
APPROVED
CHIEF OF DIVISION
2/12/71
DATE

H. E. Fallon
PROJECT OFFICER

APPROVED DATE
H. B. Pearson 2/12/71
CHIEF, OFFICE OF ENG'R'G.

C.G. DRAWING NO. 400 WAGB 0101-105
REV. A
SCALE 1/8" = 1'-0"
SHEET 1 OF 1

400 WAGB 0101-105



REL D. H. Huzins 3-14-72

REVISION "C" SATISFACTORY TO OFFICE OF OPERATIONS DATE

R. Hammond 2-16-71

SATISFACTORY TO OFFICE OF OPERATIONS DATE

REVISION	DATE	APPD.		BY
E	2/14/92	JOL JBS	THIS DRAWING REDLINED SHOWING MODS ACCOMPLISHED BY ITEM 0-05 DURING ROH PERIOD JUNE 91 CONT. No DTCG 85-90-C-55164 & 90-55207 PSU II	
D	06/28/90		UPDATED DWG TO REFLECT U.S.C.G HULL LTR CHANGE.	PTS
C	3/6/72	RLK AFM	REVISED TO SUIT OFFICE OF OPERATIONS SPECIFIC COMMENTS, DATED 11 FEB. 1972.	
B	12-9-71	RLK	RADAR ANTENNA ON FOREMAST RELOCATED TO CLEAR STACK-SEARCHLIGHT & TOWING LIGHTS RELOCATED TO SUIT.	am
A	4-16-71	RLK	DOOR ADDED TO FOREMAST AND LADDER CHANGED FROM VERTICAL TO INCLINED AFT OF PILOT HOUSE ON 04 LEVEL	am

U.S. COAST GUARD HEADQUARTERS WASHINGTON, D.C. 20591

NAVAL ENGINEERING

DESIGNED -
DRAWN B.T. Smalley Jr.
TRACED .
CHECKED - A.F. MILETO

R. L. Keller
CHIEF, TECHNICAL SECTION

B. J. Brackett
CHIEF, DESIGN BRANCH

H. E. Fallon
PROJECT OFFICER

400 FT POLAR ICEBREAKER CLASS

OUTBOARD PROFILE

APPROVED 2/12/71
U.S.C.G., CHIEF OF DIVISION DATE

APPROVED DATE
H. S. Pearson 2/12/71
CHIEF, OFFICE OF ENGR'G.

C.G. DRAWING NO. 400 WAGB 0101-106
REV. E
SCALE 1/8" = 1'-0"
SHEET 1 OF 1

400 WAGB 0101-106

0101 106